

Homework 82_CT - FORM A

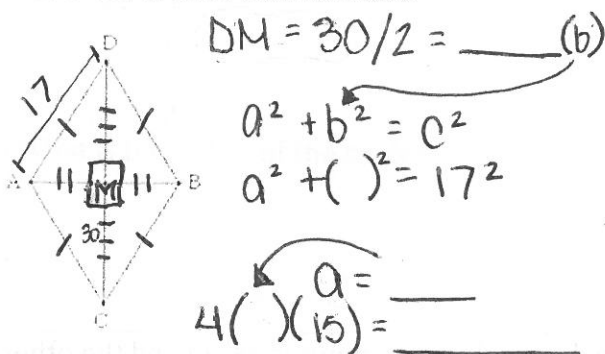
Quiz 21 Review

Failure to show all work and write in complete sentences will result in LaSalle!

Name: _____

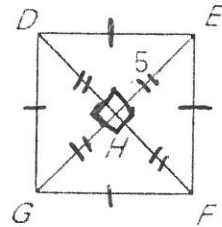
Period: _____ Date: _____

1) In rhombus ADBC below, $AD = 17$ and $DC = 30$. What is the area of the rhombus?

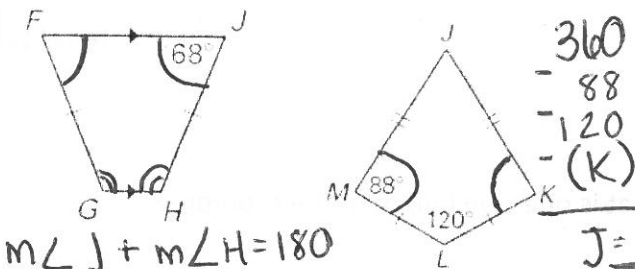


2) Given square DEFG below, list all of the following values. Leave your answer in square roots if applicable.

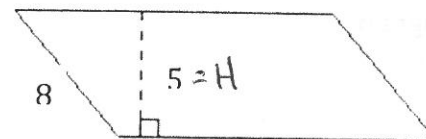
- $HG =$ _____
- $EG =$ _____
- $DF =$ _____
- $DE =$ _____
- Perimeter of DEFG = _____



3) Find the measurements of the missing angles.



4) Find the area of the parallelogram below.



$$A = (B)(H) = 8 \times 5 = 40$$

$$A = \boxed{40}$$

7) Fill in the chart according to the properties of the quadrilaterals:

	square	rhombus	parallelogram	rectangle	kite	trapezoid	isosceles trap.
diagram							
# of pairs parallel sides	2	2	2	2	2	1	1
# of pairs congruent sides	4	4	2	2	2	0	2
diagonals \perp ?	Yes	Yes	No	No	Yes	No	No
diagonals \cong ?	Yes	Yes	No	Yes	No	No	Yes